PTO/SB/05 (01-04)
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UTILITY PATENT APPLICATION		Attorney Docket No. 5616-00		86	
		First Inventor	First Inventor Naoki Shimazaki		
[13] A. S. M. W. W. M. Chen, Phys. Lett. 60, 1132 (1997); F. F.	RANSMITTAL	Title	Combustion Control		
(Only for new nonp	provisional applications under 37 CFR 1.53(b))	Express Mail Label No.	EV 33199	92803 US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO:	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450		
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 19] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 5. Oath or Declaration [Total Sheets 4] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation—in-part (CIP) of prior application No.:					
Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)
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FEE TRANSMITTAL Complete if Known Application Number New for FY 2004 Filing Date Herewith. First Named Inventor Naoki Shimazaki Effective 10/01/2003. Patent fees are subject to annual revision Examiner Name Applicant claims small entity status. See 37 CFR 1.27 Art Unit (\$) 810.00 TOTAL AMOUNT OF PAYMENT 5616-0086 Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Money Other None 3. ADDITIONAL FEES Check Credit card arge Entity | Small Entity Deposit Account: 00 Fee Description Deposit (\$) Code 13-0235 Fee Paid Account Number 1051 130 2051 65 Surcharge - late filing fee or oath Deposit McCormick, Paulding & Huber LLP 1052 50 2052 25 Surcharge - late provisional filing fee or Account cover sheet Name 1053 130 1053 130 Non-English specification The Director is authorized to: (check all that apply) 1812 2,520 1812 2,520 For filing a request for ex parte reexamination Charge fee(s) indicated below Credit any overpayments 1804 920 920* Requesting publication of SIR prior to 1804 Charge any additional fee(s) or any underpayment of fee(s) Examiner action Charge fee(s) indicated below, except for the filing fee 1805 1.840 1805 1.840* Requesting publication of SIR after Examiner action to the above-identified deposit account 1251 110 2251 Extension for reply within first month FEE CALCULATION Extension for reply within second month 1252 420 2252 210 1. BASIC FILING FEE 2253 1253 arge Entity Small Entity 950 475 Extension for reply within third month Fee Fee Code (\$) Fee Paid Fee Description 1254 1 480 2254 Extension for reply within fourth month Code (\$) Extension for reply within fifth month 1255 2.010 2255 1.005 1001 770 2001 385 Utility filing fee 770.00 1002 340 2002: 170 Design filing fee 1401 330 2401 165 Notice of Appeal 1402 330 1003 530 2003 265 Plant filing fee 2402 165 Filing a brief in support of an appeal 145 Request for oral hearing 1004 770 1403 290 2004 385 Reissue filing fee 2403 1451 1 510 1005 160 2005 80 Provisional filing fee 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 770.00 1453 1.330 2453 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1.330 2501 665 Utility issue fee (or reissue) Fee Paic Extra Claims below 1502 480 2502 240 Design issue fee -201 1503 640 2503 320 Plant issue fee Independent - 3** Claims 1460 130 1460 130 Petitions to the Commissioner Multiple Dependent 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) Large Entity | Small Entity 1806 1806 180 Submission of Information Disclosure Stmt 180 Fee Description Fee Fee Code (\$) Fee Fee Code (\$) 40 Recording each patent assignment per 8021 40 00 40 8021 property (times number of properties) 1202 2202 Claims in excess of 20 18 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 385 1201 86 2201 Independent claims in excess of 3 1203 290 Multiple dependent claim, if not paid 2203 770 1810 2810 385 For each additional invention to be * Reissue independent claims over original patent examined (37 CFR 1.129(b)) 1204 86 2204 43 1801 770 2801 385 Request for Continued Examination (RCE) 1205 18 2205 * Reissue claims in excess of 20 and over original patent 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) (\$) 0.00SUBTOTAL (2) *Reduced by Basic Filing Fee Paid 40.00 SUBTOTAL (3) **or number previously paid, if greater, For Reissues, see above (Complete (# applicable)) Registration No. Marina F. Cunningham Name (Print/Type) 38.419 Telephone 860-549-5290 alans February 4, 2004 Sianature

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ATTACHMENT TO A PATENT APPLICATION

Docket No.: 5616-0086

ENTITLED: COMBUSTION CONTROL DEVICE AND METHOD FOR ENGINE

INVENTOR:(S) N. Shimazaki

INCLUDING: Transmittal, Fee Transmittal, check \$ 810.00, Specification, Claims, Abstract, (6) sheets of formal drawings, Information Disclosure Statement and Form PTO 1449 with cited references, Priority Claim and Submission of Priority Document, Declaration, Assignment and Assignment Cover Sheet, Application Data Sheet.